



This is a two-day interactive workshop designed to expand your report writing skills and move you into creating more advanced reports.

Crystal Reports 2013 Designer 3 Training Syllabus

Advanced Database Concepts

- What is SQL?
- Native Database Driver
- ODBC
- OLE DB
- ODBC, OLE DB or Native
- Using the Database Expert for Linking
- Adding a table Multiple Times
- Changing Join Types
- Database Changes
- Database Verification
- Set Data Source Location
- Re-mapping Database Fields
- Views
- Stored Procedures
- SQL Commands
- Creating an SQL Command

Using the Advanced Formula Features

- Select Case Statement
- For Loop Control Structure
- While... Do Loops
- Do... While Loops
- Building Arrays
- The Split Function
- Array Sizing Limitations

Custom Functions

- What is a Custom Function
- Function Arguments
- When to use a Custom Function
- Using the Custom Function Editor
- Using Crystal Syntax
- Using Basic Syntax
- Custom Function Properties
- Using the Formula Expert and Custom Functions
- Using the Formula Extractor
- Custom Function Limitations

Running Reports Efficiently

- Understanding What Crystal Sends to the Database
- Strategies for Efficient Report Performance
- Using the SQL Statement
- Record Selection and Performance
- Performance Information
- Report Definition
- Saved Data
- Processing
- Latest Report Changes
- Performance Timing
- Server Based Grouping

Crystal Reports 2013 Designer 3

Advanced Cross-Tab Design

- Dissecting a Cross-Tab Grid
- Cross-Tab Parts Listing
- Row and Column Indexes
- Summary Indexes
- Grid Value Functions
- Embedded Summaries
- Conditionally Formatting Embedded Summaries
- Calculated Members

Tips and Tricks

- Manual Cross-Tabs
- Formatting Subreports
- Parameter Tricks
- Using Unique Fonts in the Report